

ROTHERHAM BOROUGH COUNCIL – REPORT TO DELEGATED POWERS

1.	Meeting:	Cabinet Member Health and Wellbeing
2.	Date:	17th September 2012
3.	Title:	Sustainable Development Officers Group / Environment and Climate Change Strategy
4.	Directorate:	Resources

5. Summary

The Environment and Climate Change Strategy and action plan was performance managed through the Sustainable Development Officers Group (SDOG). Previous progress reports are attached for:

- Waste & Recycling - Appendix A
- Sustainable Procurement - Appendix B
- Housing – Appendix C
- Regeneration / Business 8.1 & Energy 4.4.1 – Appendix D
- Regeneration / Business 8.2 – Appendix E
- Energy and Water – Appendix F

Due to the recent re-structure and significant changes to funding; roles and responsibilities SDOG has been disbanded and the Environment and Climate Change Strategy is under review with Commissioning Policy & Performance.

6. Recommendations

That Cabinet Member notes the recent progress and Environment and Climate Change Strategy review

7. Proposals and Details

The 10 Key Areas of the Environment and Climate Change Strategy are:

Key Area	Sub Group	Reviewed
1. Strategic Planning and Policy	Corporate Plan Priorities	
	Internal Environmental Audit	
2. Built and Natural Environment	Parks, Open Spaces And Public Rights Of Way	
	Street Cleanliness Including Reducing Litter, Graffiti, Fly Tipping And Other Enviro-Crime	
	Biodiversity & Natural Environment And Rural Communities Act	
	RMBC Asset Portfolio's & Sustainability	
	Local Plan And Planning / Development Control	10/01/12
3. Emergency Planning and Recovery, Social Care and Health	Adaptation Risk Assessment	
	Adaptation And Response Plans	
	Healthy Eating / Healthy Food Production	
4. Energy and Water	Reduce CO ₂ Emissions / Renewable Energy	10/01/12 01/05/12
	Water Consumption	01/05/12
5. Engagement, Education And Awareness Raising	Staff Awareness	
	Rotherham Public Awareness	
	Schools awareness and education	
6. Housing	Improve domestic energy Standard Assessment Procedure Rating	10/01/12
	Improved Energy Efficiency For Rotherham Residents	10/01/12
7. Procurement and Resources	Sustainable Procurement And Commissioning Code Of Practice	18/10/11
	Contractors And Suppliers	18/10/11
8. Regeneration and Business	Developments On Brown-Field Sites	10/01/12
	Engage With Local Business	10/01/12
9. Transport	Fleet Transport	
	Grey Fleet Mileage	
	Sustainable Transport / LTP	
10. Waste and Recycling	Domestic Waste	10/11/2011
	RMBC Premises	10/11/2011
	Schools Waste Management	10/11/2011

8. Finance

The costs of the various work streams are contained within service budgets; environmental improvements can however often result in long term financial savings and improved efficiencies.

9. Risks and Uncertainties

Environmental improvements and climate change mitigation actions are often achieved through influence rather than control and therefore dependant on collaboration and support from others so often at risk of failure or underachievement.

10. Policy and Performance Agenda Implications

RMBC Environment and Climate Change Strategy is the Corporate strategy to improve environmental performance and the local environment; implement initiatives to mitigate and adapt to climate change.

Contact Names:

David Rhodes, Corporate Environmental Manager ext: 54017

david.rhodes@rotherham.gov.uk

Appendix A

key Area	<i>Waste/Recycling</i>
Reporting Officer	<i>Adrian Gabriel</i>
Date	<i>10/11/2011</i>
Objective 1:	
<i>Reduce the amount of waste produced through the adoption of the waste hierarchy 'reduce - reuse – recycle - recover'</i>	
10.1.1 – Implement Waste Management Strategy.	
<i>The Council has a Municipal Waste Strategy to cover the period 2005 – 2020.</i>	
<i>In terms of Contracts:</i>	
<ul style="list-style-type: none"><i>Interim Waste Treatment and Disposal – 2008 – 2015</i><i>Management of Household Waste Recycling Centres 2008 – 2015</i><i>Composting Contract 2008 – 2015</i><i>The Council is working in partnership with Barnsley and Doncaster to develop a sub regional waste facility to operate from April 2015 for a period of 25 years.</i>	
<i>In terms of collection</i>	
<ul style="list-style-type: none"><i>Alternate week collection system operated for domestic waste collection.</i><i>Kerbside recycling of paper, glass, cans, textiles, green waste and cardboard provided to residents.</i><i>49 bring sites are available throughout the Borough for similar materials.</i>	
<i>Waste Policy issued by the Government in July 2011 is currently under review. Municipal Waste Management Strategy of the Council will be revised by March 2012 to reflect service changes.</i>	
10.1.2 Assess and improve internal waste management	
<i>Recycling facilities are available at Hellaby depot, and recycling facilities are currently being developed for Riverside House.</i>	
<i>Currently recycling waste paper from 4 Council premises.</i>	
<i>Waste Management did try to carry out a base line assessment on recycling by directorates with limited support/response.</i>	
Note: <i>UK businesses could save over £22 billion via low and no cost resource efficiency measures over half of which would be from reducing waste (reference: Government Waste Policy Review). Businesses in England recycled and reused 52% of their waste in 2009, up from 42% in 2002/3</i>	
10.1.3 Reduce packaging from suppliers	
<i>RBT are committed to reducing packaging from suppliers. Local Councils will look to develop future waste prevention programme with suppliers along with centralised procurement functions.</i>	
<i>Key packaging statistics :</i>	
<ul style="list-style-type: none"><i>Over 10 million tonnes are put on the UK market every year.</i><i>Half ends up as waste in households.</i><i>Half ends up as commercial waste</i>	

Objective 2: Reduce the amount of waste produced in schools

10.2.1 Promotion of waste minimisation and recycling including:

- **Paper banks**
- **Composting**

Schools have been offered blue 140 litre bins to recycle their waste paper. To date:

- 79 schools have the blue bin waste paper recycling facility.
- 30 schools have waste paper banks.
- 109 schools have waste paper recycling facilities in Rotherham.
- 125 tonnes of paper collected from schools in 2010/11.
- 32 schools have wormeries

Quarterly newsletters are being sent to schools to provide them with advice on composting and recycling.

Compost bins are being offered to schools at the subsidised rate on the Council Website.

Objective 3: Improve management of ICT Waste

10.3.1 Develop and set targets for re-use/recycling

The Council has a contract with a recycling company who take all surplus equipment and either recycle or dispose of it in accordance with the WEEE regulations. Information on how much of it is reused and how much disposed of is not available yet.

Objective 4: Promotion of the benefits of waste management

10.4.1 Promotion of waste management to Local Business

Little progress so far, but a brief discussion with Director of Planning & Regeneration has identified that there are few opportunities to directly influence the business sector; the best approach appears to be one of 'sign-posting' enquiries e.g. to a web-based '**top tips**' guide.

Note: 'Business Link will cease to exist within the next few weeks due to withdrawal of funding

a. Links to national / local performance indicators

KPI Performance N.I. 191, 192, 193, Cost indicators BV 86, 87

b. Obstacles

There is a history of resistance to the introduction of office recycling within the council.

c. Resources

Are there any known resource implications preventing progress in this key area?

None

Next Steps and Future Actions

List the activities planned and/ other information of relevance for making future progress in this key area.

Free battery recycling is to be offered to schools.

'**Get your own house in order**' and '**waste audit**' initiatives may prove successful once staff move into RSH.

SDOG Comments

1. Domestic waste 42% recycling; reduction in school waste 10.2%.

Action Points

2. Identify RMBC Cllr sitting on YPO board and request the issues of reducing packaging waste is raised (Action - DR).

3. Improved liaison required by Waste Management and Facilities Management to improve recycling schemes in Council buildings (Action - DB to raise at DMT).

4. Gaps identified in school recycling schemes (HL to email AP with information for follow up action).

5. Links communicating resource efficiency / waste reductions:

General site mainly resource efficiency - <http://www.co2sense.org.uk>

Waste reduction - http://www.wrap.org.uk/business/sme/rethink_waste

6. Enquire if a recycling briefing note has been distributed for Riverside House to DW/PS (action - DR).

Appendix B

key Area	7. Procurement & Resources
Reporting Officer	David Rhodes
Date	181011
Objective 1: 7.1 Promote sustainability and environmental considerations through procurement activities	
<p>7.1.2 Develop a Sustainable Procurement and Commissioning Code of Practice</p> <ul style="list-style-type: none"> • Code of Practice now developed sanctioned and implemented across the Council / BT. • Copy of the CoP enclosed. <p>7.1.3 Promote to LSP members and support wider adoption where feasible</p> <ul style="list-style-type: none"> • CoP to be placed on the next Sustainability Partnership meeting agenda 	
Objective 2: 7.3 Work in partnership with contractors and suppliers to minimise the environmental impact of their goods and services	
<p>7.3.1 Assess the environmental performance of suppliers and contractors</p> <ul style="list-style-type: none"> • RMBC Procurement Panel adopted a target of carrying out an environmental audit of 2 of the top 50 suppliers and audits have been carried out on YPO; Ringway and Yorkshire Windows. • Following the discontinuation of the Procurement Panel and the current procurement review any future audits have been suspended. • Audits are recommended for individual supply/service contracts and Property Environmental Team can assist. • A response from Morrison / Willmott Dixon is being pursued to get the companies to assess if they comply with the RMBC CoP. • Assessment of contractors / suppliers environmental performance is carried out through the PQQ/tender process. 	
Objective 3: 7.4 Encourage procurement of local products and services	
<p>7.4.1 Action through the Procurement Strategy</p> <ul style="list-style-type: none"> • The RMBC Procurement Strategy is due for a review and all the elements of the CoP should be part of the strategy. • With the development of the revised Procurement Strategy the CoP may no longer be required and Sustainable Procurement should become 'procurement'. 	
Objective 4: 7.5 Where feasible, purchase goods and materials that can be manufactured and disposed of in an environmentally sustainable way	
<p>7.5.1 Action through the procurement activities</p> <ul style="list-style-type: none"> • RMBC has adopted the Whole Life Costs process. • Audits will be arranged following the procurement and commissioning review to assess the adoption of WLC and sustainable procurement. • Sustainable procurement will be checked through the RMBC Environmental Audit Programme (under development). <p>7.5.2 Award suppliers who have proven sustainability credentials.</p> <ul style="list-style-type: none"> • Carried out through the PQQ/tender process. • Sustainable procurement training carried out for suppliers and contractors at Meet the Buyer events. • Further verifiable checks required through audit programme. 	

7.5.3 Devise an incentive scheme to promote the production of sustainable goods and materials in dealings with suppliers / manufacturers.

- Award scheme in place for Meet the Buyer events.
- Should be promoted through the PQQ/tender process.

a. Links to national / local performance indicators

- Local Government Sustainable Procurement Strategy (LGA Nov 2007)
- Previous SP LPI's that were reported to the Procurement Panel included:
 1. To maintain our level of spend with local businesses at 35% of our core trade spend
 2. To increase the Council's percentage of core trade spend with SMEs by 5% to match the sub-region's average of 56% by April 2008
 3. % of paper bought by the Council with recycled content and/or sustainable sources
 4. % of timber to be procured from sustainable sources that are accredited through a recognised scheme i.e. FSC Certification
 5. 2 of RMBC's top 50 suppliers to be audited annually for equality and diversity and environmental issues
 6. Tenders for contracts valued at £50k and over to be conducted electronically
 7. % of contracts or framework agreements to be let with equality and diversity issues being considered at tender or pre-tender stage
 8. 100% of contracts to be let with whole life costings being considered at tender stage
 9. Overall % of excavated materials diverted away from landfill (based on tonnage)
 10. 3rd sector spend as a % of total spend

Performance indicators are still monitored but not reported following the demise of the Procurement Panel. PI's and reporting mechanisms should be included in the PWC review.

b. Obstacles

Following the demise of the Procurement Panel there is a monitoring and reporting void that should be included in the PWC Procurement and Commissioning review.

c. Resources

No known issues


Next Steps and Future Actions

- The issue of the monitoring and reporting void should be raised as a concern.
- The potential role of the Sustainable Procurement and Commissioning Code of Practice Working Group to raise the concerns should be an agenda item at the next meeting and actions raised to take this forward.
- Further awareness and training of the CoP.
- Audits to assess compliance.

SDOG Comments

1. Wider communication through Directorates should be identified and actioned (CoP Working Group).
2. Response from Morrison / Willmott Dixon in relation to their compliance with the CoP to be pursued through John Brayshaw / Maureen Gatt (DR).
3. Following the PWC review pursue compliance to CoP and communicate requirement of financial implication (long term) of WLC ((CoP Working Group).
4. Review PI's following PWC review and re-structure ((CoP Working Group).
5. CYPS do not comply with the BREEAM requirement for new schools following DFE decision not to make it a requirement. Issue to be raised with CYPS DMT (AP).

Appendix C

Key Areas	6. Housing
Reporting Officer	Tracie Seals
Date	10/01/2012
Objective 1: 6.2 Improve the energy efficiency of social housing as measured through the SAP rating	
<p>6.2.1 Improve insulation – 3 non-traditional housing programmes under way – external cladding Final year of cavity and loft insulation programme commenced for last 7,000 homes - report due Feb 1st 2012 – 71 completed in Thurgroft in 2011.</p> <p>6.2.2 Improve heating systems – 95 boiler upgrades achieved in 2011</p> <p>6.2.3 Improve energy awareness – Current bid submitted under the DECC Leaf Programme – energy advice to householders to be delivered by TARAs.</p> <p><i>The method of recording SAP ratings for residential properties has changed which explains why the SAP for the Council's housing stock appears to have gone down – currently at 61.20 up to Dec 2012.</i></p>	
Objective 2: 6.3 Improve and maintain access to information on energy efficiency for Rotherham residents	
<p>6.3.1 Provide householders with a local energy efficiency advice and grant information services 1077 loft installations savings householder £156,165.00 and 786,210.00Kg CO2. 1150 Cavity wall insulations saving householders £126,500.00 and 644,000.00 Kg CO2. 32 Heating Systems installed under SYHARP. (This will now drop off as no funding 2012 Green Deal). 25 clients visited to impart home energy advice.</p> <p>Information on Govt's Warm Front scheme available through Energy Efficiency Team (Paul M) or accessed remotely on Directgov web site http://www.direct.gov.uk/en/Environmentandgreenerliving/Energyandwatersaving/Energygrants/DG_10018661</p> <p>Community Energy Saving Schemes (CESP) offered in deprived predominantly private sector neighbourhoods i.e. Holmes and Eastwood. Community events and one to one visits have been undertaken informing residents of the potential benefits.</p> <p>6.3.2 Neighbourhood Service Centres advice Warm Zone started in December 2011 first update meeting is 18th Jan started in Swinton</p>	
Objective 3: 6.4 Obtain external funding to support energy efficiency initiatives	
<p>6.4.1 Promote Green Deal Private landlords informed of Govt's 'Green Deal' scheme via borough wide and local area landlord forums and landlord newsletter (copy of newsletter attached, page 4 & 5).</p> <p> Landlords newsletter.pdf (1 MI)</p> <p><i>The Warm Front scheme will continue until taken over by Green Deal in Autumn 2012. The last figures we had regarding the Warm Front scheme indicated that Rotherham Borough received 5% of the referrals with 3% of these referred assisted. Rotherham Stay Put (Home Improvement Agency) also refers vulnerable private householders to Warm Front. Also, information on Warm</i></p>	

Front scheme accessed through RMBC web site on 'Welfare rights and financial advice' page.

British Gas aim to complete CESP Holmes by December 2012; A Big Lottery Fund bid is being prepared under 'Communities Living Sustainably' initiative - final business case to be presented by June 2012 to train and educate people; Enabling residents and community groups to take advantage of the green deal initiative.

Please note that direct funding to the Council accessed through energy savings programmes is unlikely until the Green Deal has started and the idea has demonstrated its worth.

Objective 4: 6.5 Achieve zero carbon new residential development

6.5.1 Adopt the code for sustainable homes and seek to build new homes to code level 6 prior to 2016

Nationally there has been a move away in the building industry standards as barriers to building were removed...however, this appears to be an interim position, as the Coalition has indicated in its Housing Strategy: Laying the Foundations, that a return to Code 6 by 2016 is still to be achieved.

This move away from standards and viability challenge on some of the Borough's more marginal sites, in development terms, has meant that we too have taken a pragmatic view of CSH level to be achieved. As the market returns, so will our desire to achieve high quality development in line with the target.

6.5.2 Train an officer to code level 6 to issue certificates

In light of the above position, this action will be achieved later in the programme period.

132 new council owned homes have been built in the programme period to date:

Scheme	Achievement	
Newland Avenue, Maltby for Life 16.5 Gold standard, Secure by Design, Lifetime Homes	Photovoltaics	CfSH Level 4, Building
Wood Street, Thrybergh for Life 14.5 Silver standard, Secure by Design, Lifetime Homes	Photovoltaics	CfSH Level 4, Building
Stone Park Close, Maltby for Life 16 Gold standard, Secure by Design, Lifetime Homes	Photovoltaics	CfSH Level 4, Building
Albany Road, Kilnhurst for Life 16 Gold standard, Secure by Design, Lifetime Homes	Photovoltaics	CfSH Level 4, Building
Albert Road, West Melton for Life 15.5 Silver standard, Secure by Design, Lifetime Homes	Photovoltaics	CfSH Level 4, Building
Rother View Road, Canklow for Life 16 Gold standard, Secure by Design, Lifetime Homes	Photovoltaics	CfSH Level 4, Building
Whitehill Road, Brinsworth high levels of thermal efficiency Secure by Design (awaiting), Lifetime Homes	Modern methods of construction, very CfSH Level 4, Building for Life (awaiting)	

CfSH - all passive measures are explored to improve efficiency of each building reducing demands energy supply and water usage; although we are not building to level 6 yet we are ahead of building regulations.

Links to national / local performance indicators

Performance indicators under review

Appendix D

key Area	8. Regeneration / Business																																																		
Reporting Officer	Rachel Overfield																																																		
Date	10 January 2012																																																		
Objective 1: 4.4 Adopt /promote renewable energy																																																			
Actions 4.4.1 Set targets for renewable technologies in new buildings and refurbishment																																																			
<u>Progress</u>																																																			
Consultants Wardell Armstrong have produced a Low Carbon and Renewable Energy Study for the Borough. This is recommending targets to be considered for inclusion with the Local Development Framework:																																																			
Overall Borough Targets:																																																			
<table border="1"> <thead> <tr> <th colspan="4">Table 1: Minimum Renewable Energy Provision for RMB</th> </tr> <tr> <th colspan="4">Renewable energy should provide 10% of predicted energy use within the Borough plus a notional 1% uplift per annum up to 2020</th> </tr> <tr> <th colspan="2">Development Year</th> <th colspan="2">Renewable energy target</th> </tr> </thead> <tbody> <tr> <td colspan="2">2012</td> <td colspan="2">10%</td> </tr> <tr> <td colspan="2">2013</td> <td colspan="2">11%</td> </tr> <tr> <td colspan="2">2014</td> <td colspan="2">12%</td> </tr> <tr> <td colspan="2">2015</td> <td colspan="2">13%</td> </tr> <tr> <td colspan="2">2016</td> <td colspan="2">14%</td> </tr> <tr> <td colspan="2">2017</td> <td colspan="2">15%</td> </tr> <tr> <td colspan="2">2018</td> <td colspan="2">16%</td> </tr> <tr> <td colspan="2">2019</td> <td colspan="2">17%</td> </tr> <tr> <td colspan="2">2020</td> <td colspan="2">18%**</td> </tr> </tbody> </table> <p><i>*Subject to Core Strategy adoption date</i> <i>**Maximum currently available renewable energy resource within RMB</i></p>				Table 1: Minimum Renewable Energy Provision for RMB				Renewable energy should provide 10% of predicted energy use within the Borough plus a notional 1% uplift per annum up to 2020				Development Year		Renewable energy target		2012		10%		2013		11%		2014		12%		2015		13%		2016		14%		2017		15%		2018		16%		2019		17%		2020		18%**	
Table 1: Minimum Renewable Energy Provision for RMB																																																			
Renewable energy should provide 10% of predicted energy use within the Borough plus a notional 1% uplift per annum up to 2020																																																			
Development Year		Renewable energy target																																																	
2012		10%																																																	
2013		11%																																																	
2014		12%																																																	
2015		13%																																																	
2016		14%																																																	
2017		15%																																																	
2018		16%																																																	
2019		17%																																																	
2020		18%**																																																	
Local Housing Development Targets:																																																			
<table border="1"> <thead> <tr> <th colspan="4">Table 2: Residential Carbon Compliance Levels</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Carbon Compliance levels for 44% CO₂ reduction from 2013</td> <td>All dwellings</td> <td>14</td> <td>kgCO₂/m²/yr</td> </tr> <tr> <td>Detached houses</td> <td>10</td> <td rowspan="3">kgCO₂/m²/yr</td> </tr> <tr> <td rowspan="2">Carbon Compliance levels for Zero Carbon Homes from 2016</td> <td>Attached houses</td> <td>11</td> </tr> <tr> <td>Low rise apartment blocks</td> <td>14</td> </tr> </tbody> </table>				Table 2: Residential Carbon Compliance Levels				Carbon Compliance levels for 44% CO₂ reduction from 2013	All dwellings	14	kgCO ₂ /m ² /yr	Detached houses	10	kgCO ₂ /m ² /yr	Carbon Compliance levels for Zero Carbon Homes from 2016	Attached houses	11	Low rise apartment blocks	14																																
Table 2: Residential Carbon Compliance Levels																																																			
Carbon Compliance levels for 44% CO₂ reduction from 2013	All dwellings	14	kgCO ₂ /m ² /yr																																																
	Detached houses	10	kgCO ₂ /m ² /yr																																																
Carbon Compliance levels for Zero Carbon Homes from 2016	Attached houses	11																																																	
	Low rise apartment blocks	14																																																	
Non-residential developments should adopt the Borough wide targets in Table 1 above and generate further renewable or low carbon energy or incorporate appropriate design measures to reduce the development's overall predicted carbon dioxide emissions by 20% until appropriate carbon compliance targets are introduced via the Buildings Regulations.																																																			
Objective 2: 8.1 Regenerate derelict land and focus new developments on brown-field sites																																																			

Action 1:

8.1.3 Exceed the national target for brown field domestic developments

Progress:

For the period 2010/11 there were 537 new builds of which 377 were on previously developed land (70.2% which is above the national target (60%)).

Action 2:

- 8.1.1 Review and improve the current non domestic regeneration and land policy
- 8.1.2 Review Local Development Framework land allocations in relation to modern market requirements

Progress:

Forward Planning consulted widely on LDF Issues and Options for the site allocations in 2011 (including with the development industry). Further consultation is expected to take place in 2012.

It might also be worth noting that possible housing sites have been assessed with the development industry through the Strategic Housing Land Availability Assessment process (final report due imminently), and that a number of key brownfield sites have been considered as part of a Local Brownfield Strategy (funded by the Homes and Communities Agency and currently being finalised) which includes assessment of commercial viability.

a. Links to national / local performance indicators

Number of houses on brownfield land is an indicator in the LDF Annual Monitoring Report.

b. Obstacles

The number of houses built on brown field land will drop as the borough is running out of brown field sites for house building

c. Resources

The Brown field sites left will be increasingly less attractive for development and likely to have problems e.g. contamination etc (e.g Croda).

Next Steps and Future Actions

Further consultation on LDF is expected to take place in 2012.

SDOG Comments

Nil

Appendix E

key Area	8. Regeneration / Business
Reporting Officer	Andrew Nettleton
Date	4 January, 2012
Objective 1: 8.2 Communicate the advantages to businesses of adopting new environmental practices, that reduce costs and increase business performance	
8.2.1 Provide information to businesses on the environmental and economic benefits of sustainable practices <u>Progress</u> RiDO works with a number of Key Accounts throughout the borough. Part of the interaction is to highlight environmental and green practices that would benefit companies, both on their bottom line and as part of their own green agenda. RiDO links companies to relevant organisations such as CO2Sense, Go Green Energy, NISP etc	
8.2.2 Business Community Support Officers – extend role to helping businesses ‘be greener’ and save money <u>Progress</u> Being reviewed due to resource issues, cutbacks and restructure	
8.2.3 Develop a training package <u>Progress</u> Training package, resources and communication developed through CO2 Sense -	
8.2.4 Raise awareness of loans and assistance for SMEs, particularly linked to the low carbon agenda & their bottom line <u>Progress</u> See 8.2.1	
8.2.5 Showcase successful projects (i.e. Rotherham Advance Manufacturing Park) and business processes/ partnership projects that showcase greener processes and initiatives that also save costs. <u>Progress</u> Not done	
a. Links to national / local performance indicators	
Nil	
b. Obstacles	
Lack of resources, cut backs, re-structuring and closing of organisations such as Business Link regional offices.	
c. Resources	
Lack of resources is a significant issue	
Next Steps and Future Actions	
RiDO will continue to work with businesses throughout the Borough to ensure they are made aware of best environmental practice and opportunities available	
SDOG Comments	

- Obtain more information about Business Community Support Officers and funding period.
- Obtain update from Waverley housing; Dearne Valley Project

Appendix F

key Area	4. Energy & Water																														
Reporting Officer	David Rhodes																														
Date	01 May 2012																														
Objective 1: 4.1 Sustainable energy use and wider sustainable development recognised as a priority																															
4.1.1 Ensure energy issues reported regularly to Senior Management Teams																															
Reports submitted as required/requested:																															
<ol style="list-style-type: none"> 1. Places Select Commission Meeting: October 2011 - Places Commission Report 2. DLT: November 2011 - Carbon Reduction Commitment – Performance League Table 3. EDS DMT: February 2012 - Climate Change Levy Increase 2012 4. SLT: March 2012 - Collaborative Low Carbon Schools Service 																															
Objective 2: 4.2 Reduce CO ₂ emissions																															
4.2.1 Reduce CO ₂ emissions from LSP activities																															
Although the Strategy refers to LSP only RMBC actions / activities are monitored and reported. CO ₂ emissions reported through CRC and DECC GHG annual reporting in July each year covering building energy use; streetlighting; grey fleet transport and fleet transport:																															
<table border="1"> <thead> <tr> <th>Period</th> <th>Emission Data</th> <th>Tonnes of CO₂</th> </tr> </thead> <tbody> <tr> <td rowspan="4">2008/2009</td> <td>Buildings and Streetlighting</td> <td>41,810</td> </tr> <tr> <td>Work Related Private Vehicle Use</td> <td>961</td> </tr> <tr> <td>Fleet Transport</td> <td>3,853</td> </tr> <tr> <td>Total</td> <td>46,624</td> </tr> <tr> <td rowspan="4">2009/2010</td> <td>Buildings and Streetlighting</td> <td>43,271</td> </tr> <tr> <td>Work Related Private Vehicle Use</td> <td>944</td> </tr> <tr> <td>Fleet Transport</td> <td>4,246</td> </tr> <tr> <td>Total</td> <td>48,461</td> </tr> <tr> <td rowspan="4">2010/2011</td> <td>Buildings and Streetlighting</td> <td>40,619</td> </tr> <tr> <td>Work Related Private Vehicle Use</td> <td>834</td> </tr> <tr> <td>Fleet Transport</td> <td>3,134</td> </tr> <tr> <td>Total</td> <td>44,587</td> </tr> </tbody> </table>		Period	Emission Data	Tonnes of CO ₂	2008/2009	Buildings and Streetlighting	41,810	Work Related Private Vehicle Use	961	Fleet Transport	3,853	Total	46,624	2009/2010	Buildings and Streetlighting	43,271	Work Related Private Vehicle Use	944	Fleet Transport	4,246	Total	48,461	2010/2011	Buildings and Streetlighting	40,619	Work Related Private Vehicle Use	834	Fleet Transport	3,134	Total	44,587
Period	Emission Data	Tonnes of CO ₂																													
2008/2009	Buildings and Streetlighting	41,810																													
	Work Related Private Vehicle Use	961																													
	Fleet Transport	3,853																													
	Total	46,624																													
2009/2010	Buildings and Streetlighting	43,271																													
	Work Related Private Vehicle Use	944																													
	Fleet Transport	4,246																													
	Total	48,461																													
2010/2011	Buildings and Streetlighting	40,619																													
	Work Related Private Vehicle Use	834																													
	Fleet Transport	3,134																													
	Total	44,587																													
Estimated emissions from Buildings and Streetlighting for 2011/12 = 33,691 tonnes CO ₂ .																															
4.2.2 Promote energy efficiency in schools through technical improvement and awareness																															
<ul style="list-style-type: none"> • Technical improvements see funding and LAEF. • A low carbon collaborative schools projected has been piloted in partnership with Carbon Trust during 2011/12. The programme has now been extended to all Rotherham schools over the next 3 years sanctioned by SLT March 2012. Support services will be offered for the development of Eco-Schools programme to enhance the performance of schools beyond carbon management. • DV Schools are supported by 2 ECO-schools Officers funded through RIEP until December 2012. 																															
Objective 3: 4.3 Reduce water consumption																															

4.3.1 Reduce water consumption from LSP activities

Following the recent threat of drought conditions a survey of water consumption activities was carried out with the following results:

- Council Buildings - limited although retrofit systems such as 'toilet hippos'; push taps and flush management systems have been installed where identified and financially feasible.
- Schools - A programme of water audits is being arranged with Yorkshire Water starting with the following sites:
- Building Managers are encouraged to have water isolated and systems emptied for unused and closed buildings. Does riverside have sprinklers -
- Assessments have been carried out on:
 - Charges for effluent and surface water drainage.
 - Water meter sizing and charges and potential reductions including replacement charges and payback periods.
 - Potential sites to install pressure reduction valves and subsequent water consumption reductions.
 - Water invoices to check for potential leaks and unusually high consumption.
- Markets actively reduce water consumption by:
 - Absolutely essential use only policy.
 - Header tank system installed for washdown areas.
 - Appliances installed / planned with minimum use.
- Limited water management activities are carried out on domestic properties due t the lack of funding and resources.

Activities to be reviewed for future improvements.

4.3.2 Develop and adopt a Sustainable Construction Strategy for water conservation

Compliance with building regulations only

Objective 4: 4.4 Adopt /promote renewable energy

4.4.1 Set targets for renewable technologies in new buildings and refurbishment

In accordance with Regional Spatial Strategy ENV5, 10% decentralised and renewable or low-carbon energy in new developments (10 dwellings or 1000m² of non-residential floorspace) is required.

Forward Planning are looking at including the requirement in the Core Strategy (Wardell-Armstrong renewable study as evidence). Transitional arrangements are being promised by Government following introduction of the new National Planning Policy Framework (which is encouraging renewables) and abolition of the RSS.

4.4.2 Identify and implement projects through FITS / RHI

Various project have / are being implemented on the back of FITS / RHI including:

Sites	Type	Size	Installation
Electricity			
Abbey School	Wind Turbine	6kW	01/07
Anston Greenlands Primary School	PV	33kW	28/02
Anston Hillcrest Primary School - Infants	PV	19kW	05/02
Anston Hillcrest Primary School - Juniors	PV	15kW	05/02
Aston JSC	PV	7.4kW	18/01
Brinsworth Comprehensive School Academy Trust	PV	3.89kW	07/11
Canklow Woods Primary School	Wind Turbine	6kW	26/04
Clifton Park - Garden Building	PV	1.68kW	01/07
Greasbrough Primary School	PV	33kW	28/02
Oakwood Technical College	Wind Turbine	20kW	07/11

Oakwood Technical College	Wind Turbine	20kW	01/03/2010
Oakwood Technical College	PV	4kW	04/09/2009
Rawmarsh Sandhill Primary School	PV	26kW	29/01/2011
Rockingham Junior and Infant School	PV	33kW	12/02/2011
Swinton Community School	PV	3kW	26/07/2010
Thrybergh Primary School	PV	16kW	22/01/2011
Site	Heating System		
Breathing Space	GSHP 400kW system Solar Water Heating (8m ²) <i>Not Sub Metered</i>		
Canklow Primary School (New)	Solar Water Heating; installation 26/04/2010 energy to date = 1,514 kWh 100 kW Biomass heating via wood chip		
Clifton Park - Garden Building	Solar Water Heating (4m ²); installation 01/07/2010 <i>Not Sub Meter</i>		
Moorgate Crofts Business Centre	GSHP heating and cooling 150 kW system		
Fusion @ Magna Business Incubation Unit	Air sourced heat pumps		
St Annes Sheltered Housing scheme	500 kW Biomass heating via wood chip		
Vine Close District Heating Scheme	Containerised 500 kW Biomass boiler heating via wood chip		
Mason Avenue District Heating Scheme	Containerised 500 kW Biomass boiler heating via wood chip		
Matrix @ Dinnington Business Incubation Unit	100 kW Biomass boiler via wood chip		
Herringthorpe Jun & Inf School	150 kW Biomass heating via wood chip		
Aston Customer Service Centre	Air sourced heat pumps		
Swinton Queen	100 kW Biomass wood chip boiler		

Registration for eligible sites in progress.

Potential projects include:

- PV systems on 54 buildings through OG.
- Hurley Croft DHS – biomass / closed mine water
- Aged Persons Centres – Direct Solar for HW.
- RHI sites where feasible.

Objective 5: 4.5 Develop a proactive programme to secure external funding

4.5.1 Investigate and apply for available funding

Local Authority Energy Fund:

Cash in account at start of period	97,564.70
Less value of projects committed	75,619.77
Plus cash received from funds	0.00
Plus loan re-payments received	262,587.26
Cash in account at end of period	284,532.19
Outstanding Loans at end of period	155,468.00

2012/13 target 75% spend rate.

RIEP Fund Projects:

- South Yorkshire Climate Change Network
- DV Eco Schools/communities Project
- Carbon Modelling
- Climate Change Planning
- Adaptation Risk Assessment

Big Lottery Fund – 2 bids, failed

Low Energy Assessment fund – failed

4.5.2 Identify EU funding projects to apply as partners

EU2020 Going Local INTERREG IVC project – Electric Vehicle project

Objective 6: 4.6 Engage with local business

4.6.1 Raise Energy Awareness of Local Business and LSP Partners, creating links with RIDO, Chamber, Carbon Trust and EST

LEP Sheffield City Region Low Carbon Sector Group

a. Links to national / local performance indicators

Local performance indicators under review but still reporting on two scorecards:

- Outcome 24 – Adaptation
- Outcome 27 – CO₂ reductions

b. Obstacles

Often have an influence but no control over behaviour.

c. Resources

None that haven't previously been raised

Next Steps and Future Actions

- Riverside awareness activities / live energy use
- LAEF improvements
- Schools programme
- CRC/GHG reporting
- DEC production
- Water reductions
- Contract / utility management and AMR.

SDOG Comments

- Use of screens instructions in meeting rooms
- *Is there a strategy to fit meters to council houses, Wendy F to action*